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ABSTRACT

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The present invention is a method and apparatus for providing positional information of a disk. The disk has at least one side with a plurality of tracks, each having a first burst in a first servo field and a second burst in a second servo field. The first burst provides a first portion of track position information while the second burst provides a second portion of track position information. When combined, the first and second portions provide a position of a corresponding track. Each track further includes a third and a fourth burst that provides a first portion and a second portion of disk side position information. When combined, the first and second portions of disk side position information provide the disk side position of the disk. Each track also includes a burst that provides the quadrant position of the disk. In one embodiment, the first and second bursts are located on consecutive sectors, and each track includes a servo sector sequence burst with a sector sequence number that identifies the sequence position of the consecutive sectors. The first portion, the second portion and their corresponding sector sequence number in combination provide a position of a corresponding track.